



Best in Games,
Pool & Patio
1830 E. Fabyan Pkwy
Batavia, IL 60510

IN GROUND LINER INSTRUCTION FORM



QUESTIONS? *Call Freddie! Our liner expert*
customcovers@freetimefun.com • **1-888-620-6088**

IMPORTANT!

All liner prices are quoted based on the accurate measurements you provide and the pattern you select. Please read all instructions before you attempt to begin measuring.

GENERAL INSTRUCTIONS TO AVOID COMMON MEASURING ERRORS

- Draining your pool will make the measuring process easier, however, it is not required.
- Measuring your pool will be easier if you have another person helping you.
- Write your measurements legibly, using Black Ink.
- Actual pool measurements should be made even if original pool plans are available due to the fact that slight variances may have occurred during construction. The builder may not have followed the pool plan precisely.
- Please supply all measurements in feet and inches.
- All pools are different. Please measure your pool for an exact fit.
- Follow these "step by step" instructions carefully, referring to all diagrams to ensure accurate measurements. Remember to include your Name, Address, Phone Number and Email on each page that you send to us.
- **Remember to record ALL of your measurements on Page 1 of the Measuring Form.**

INCOMPLETE INFORMATION CAN DELAY THE SPEED & ACCURACY OF YOUR QUOTE & ORDER.

MEASURING INSTRUCTIONS

STEP 1: INDICATE YOUR LINER TYPE

Refer to **Page 1** of the **Measuring Form** to select the correct liner type. If you have a Beaded liner, select "beaded" or "Low Hung beaded." For beaded liners refer to Diagram 1 to view standard and reverse bead.

STEP 2: CHOOSE YOUR POOL SHAPE

Select your Exact pool shape from those provided in Diagram 2 or 3. Record your pool shape on Page 1 of the Measuring Form, then proceed to Step 3.

STEP 3: CORNER TYPE

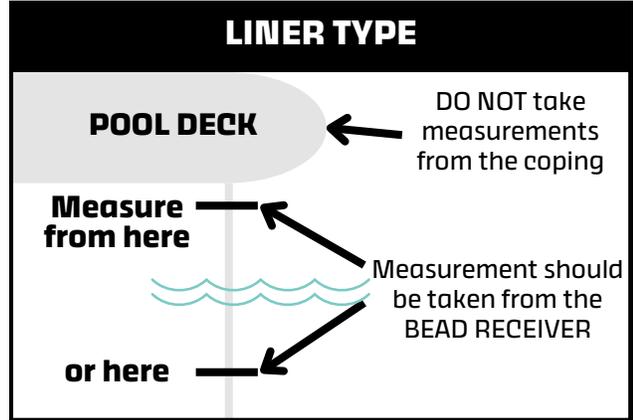
Refer to Diagram 4 to select the corner type on your pool. Record your corner type and the measurements indicated on Page 1 of the Measuring Form.

Note: If you have more than one type of corner on your pool (such as with a Lazy "L" pool), please include a sketch of your pool indicating each corner type and the appropriate measurement along with the rest of the measuring forms.

STEP 4: MEASURE THE LENGTH (A) & THE WIDTH (B)

Refer to the illustration of your pool that you selected in Step 2. Be sure that the Length (A) and the Width (B) measurements are made at the Bead Receiver (where the liner snaps into the track), Not at the edge of the coping (the edge of the pool deck). Record your measurements in the "Dimensions" section of Page 1 of the Measuring Form.

Note: If your pool is an "L" or "Lazy L" Shape, take All measurements for "A" and "B", including A1, A2, A3, A4, B1 and B2.



STEP 5: MEASURE DIAGONALS – RECTANGLE & “LAZY L” POOLS ONLY

If your pool is not a rectangle or a “Lazy L,” proceed to **Step 6**. For a Rectangle pool, you will need to measure the pool on the diagonals (R and Q). For a “Lazy L” pool, you will need to make 2 sets of diagonal measurements: (Z1, Z2) and (Z3, Z4). Remember to make all of these measurements from the **Bead Receiver**, not the coping (refer to the illustration in **Step 3**).

Note Measure Diagonal from Squared Corners: If the corners are rounded (radius) or cut (diagonal), be sure to measure to squared corners. Refer to Diagram 4 for instructions on measuring to squared corners. Record your measurements in the “Dimensions” section of Page 1 of the Measuring Form.

STEP 6: MEASURING SHALLOW END COVERED BOTTOMS

If you have a Shallow End Covered Bottom, follow the four easy steps in **Diagram 5** to take measurements (C), (T), (U) and (V). If you do not have a Shallow End Covered Bottom, proceed to **Step 7**.

STEP 7: HORIZONTAL MEASUREMENTS OF POOL BOTTOM & DEPTH MEASUREMENTS

Refer to **Diagram 6** for instructions on how to take these measurements. Make sure that you are taking measurements of the pool bottom on a horizontal plane. **If you measure the slopes of the pool, you will have an incorrect measurement.** The measurements you take will depend on what style of bottom contour your pool has. Select the bottom contour of your pool from **Diagram 6** and take the measurements accordingly. Record all measurements in the “Bottom Contour” section of **Page 1** of the Measuring Form.

STEP 8: CONTINUE MEASURING ACCORDING TO YOUR POOL SHAPE DIAGRAM

Refer to your pool shape diagram to complete the rest of the measurements asked for. Record your measurements in the “Dimensions” section of **Page 1** of the **Measuring Form**.

STEP 9: VINYL – COVERED STEP SECTIONS

If your pool has a built-in step section that is covered with vinyl, you must complete **Page 2** of the **Measuring Form**. Please check the “Vinyl-Covered Step Sections” box on **Page 1** of the **Measuring Form**.

STEP 10: REVIEW

Review all of your measurements, being sure that all of the “Quick Checks” are correct.

DIAGRAM 1: STANDARD OR REVERSE BEAD

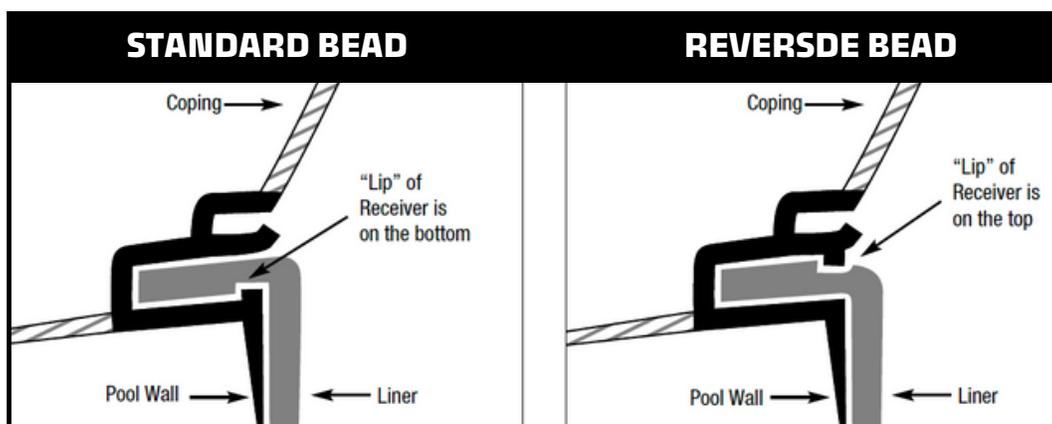


DIAGRAM 2: POOL SHAPES

Identify the shape of your pool from the illustrations below. You will need to make all of the measurements indicated (detailed instructions for measuring are in the Measuring Instructions). If you have any unusual features on your pool that extend into the pool (such as a built-in spa, fountain or water feature, etc.) you will need to draw these on the diagram, take measurements and send us the diagram along with the rest of your measuring form. It is also helpful to include photos of these types of unusual features.

What If **My Pool Shape Is Not Illustrated Below?** If you do not see your pool shape below, look at **Diagram 3** and follow the instructions.

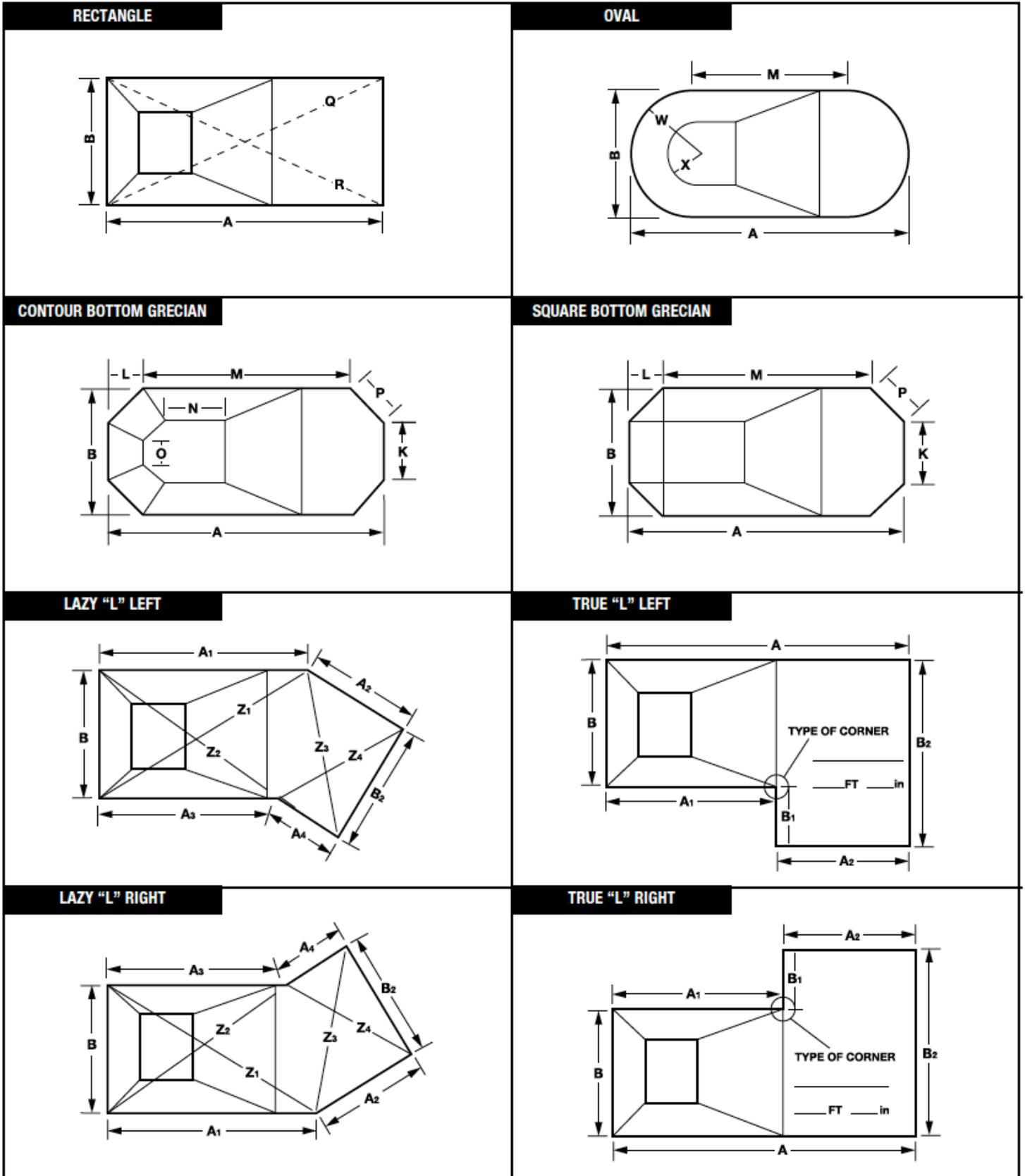


DIAGRAM 3: OTHER POOL SHAPES

If you did not find your pool shape in Diagram 2, please provide reference number indicated on this page.

Note: You will still need to follow the rest of the steps in the Measuring Instructions and send in Page 1 of the Measuring Form with the required information for an estimate on your liner.

If your pool shape is not pictured here, we will be unable to supply you with a liner.

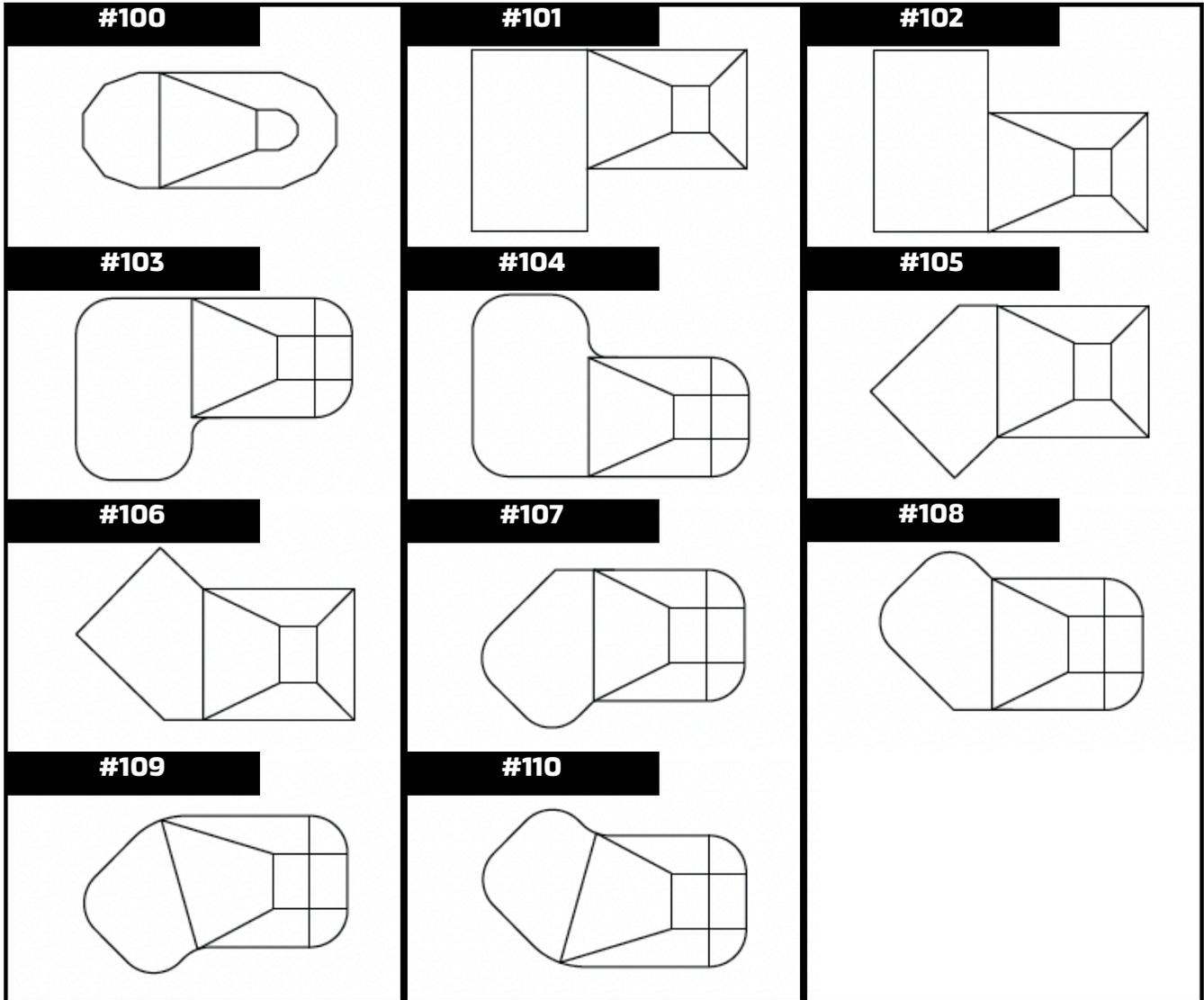


DIAGRAM 4: CORNER TYPE

Choose your corner type from the illustrations below. Remember to indicate your corner type on **Page 1** of the **Measuring Form** and to provide the required measurements.

INSTRUCTIONS FOR STEP 5: MEASURING DIAGONALS

(Q and R) for Rectangle and (Z1, Z2, Z3, Z4) for "Lazy L" Pools: When measuring Diagonals for pools with radius (rounded) or cut (diagonal) corners.

Be sure to measure from Point 1, (on Image B), NOT the Edge of the Pool! Point 1 = Imaginary Corner where Sidewalls would meet if they were extended to make a square corner

CUT CORNERS (Diagonal)

Cut corners must be measured. Refer to Image A. Record this measurement for Cut Corners on Page 1 of the Measuring Form:

Point 1 to Point 2: _____

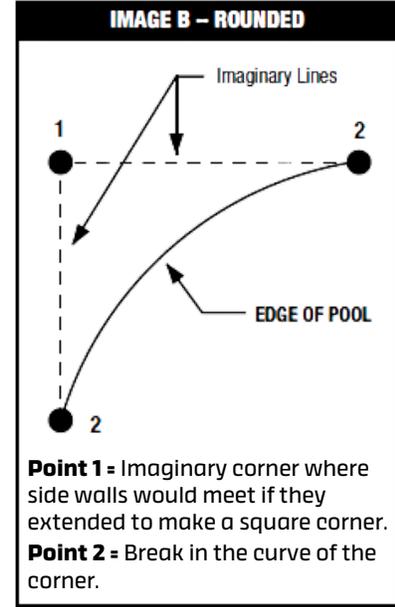
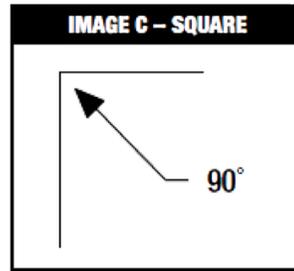
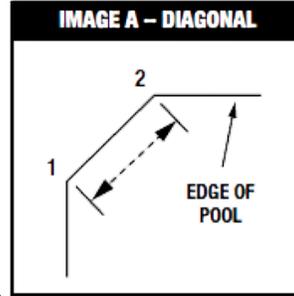
RADIUS (Rounded) CORNERS

Radius corners must be squared before measuring. Use 2 straight edges to form an imaginary square corner, mark where the edges meet as Point 1. Measure from imaginary corner (Point 1) to Point 2. Refer to Image B. Record this measurement for Radius Corners on Page 1 of the Measuring Form:

Point 1 to Point 2: _____

90 DEGREE CORNERS (Square)

No additional measurements are required. Select "90 Degree" corner on Page 1 of the Measuring Form.



Point 1 = Imaginary corner where side walls would meet if they extended to make a square corner.
Point 2 = Break in the curve of the corner.

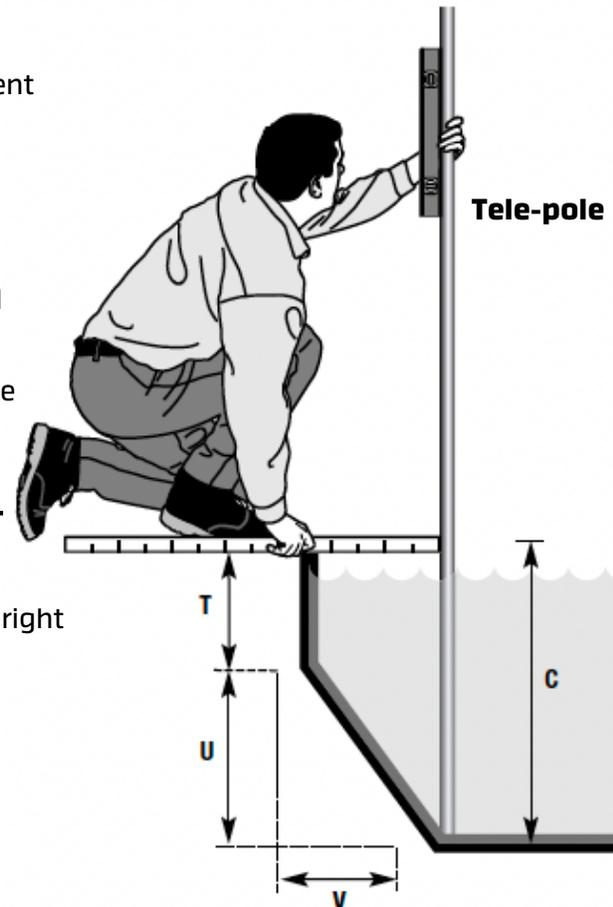
DIAGRAM 5: SHALLOW END COVERED BOTTOM

STEP A: Measure the depth (C) of the shallow end of your pool. Be sure to measure from the bottom of the pool floor to the bead receiver. Do Not measure to the top of the pool if you have a beaded liner, your measurement will be incorrect.

STEP B: Measure from the bead track down to where the cove (T) begins. Subtract (T) from (C) to determine (U).

STEP C: With a pole, locate the spot where the cove meets the floor. Use a carpenter's level to verify that the pole is vertical. **Measure from the pool wall to the pole to determine (V).**

STEP D: If the cove along the sidewall differs from the end wall cove, please notate on separate paper and include with the measuring form.



TIP! Be sure that (V) is a Horizontal Measurement, Do Not Measure the Slope of the Hopper.

We only use measurements parallel to the deck. See the diagrams to the right for the correct way to measure a coved bottom.

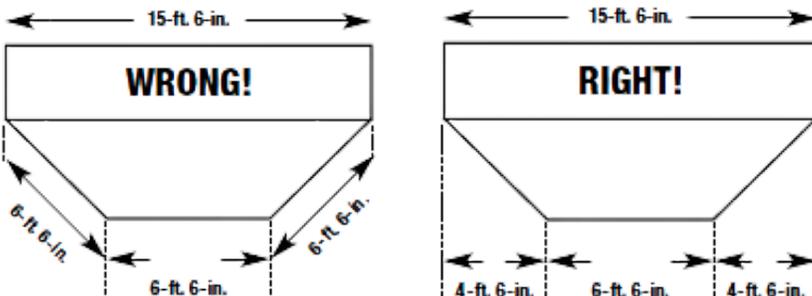


DIAGRAM 6: HORIZONTAL MEASUREMENTS OF POOL BOTTOM & DEPTH MEASUREMENTS BOTTOM CONTOUR

Choose the Bottom Contour of your pool from Illustration D below to determine which measurements you will need to take.

How do I measure the bottom of my pool?

You will be able to make horizontal measurements of your pool bottom without entering the pool. Taking these measurements is easier than you may think, when you use this easy-to-make measuring tool.

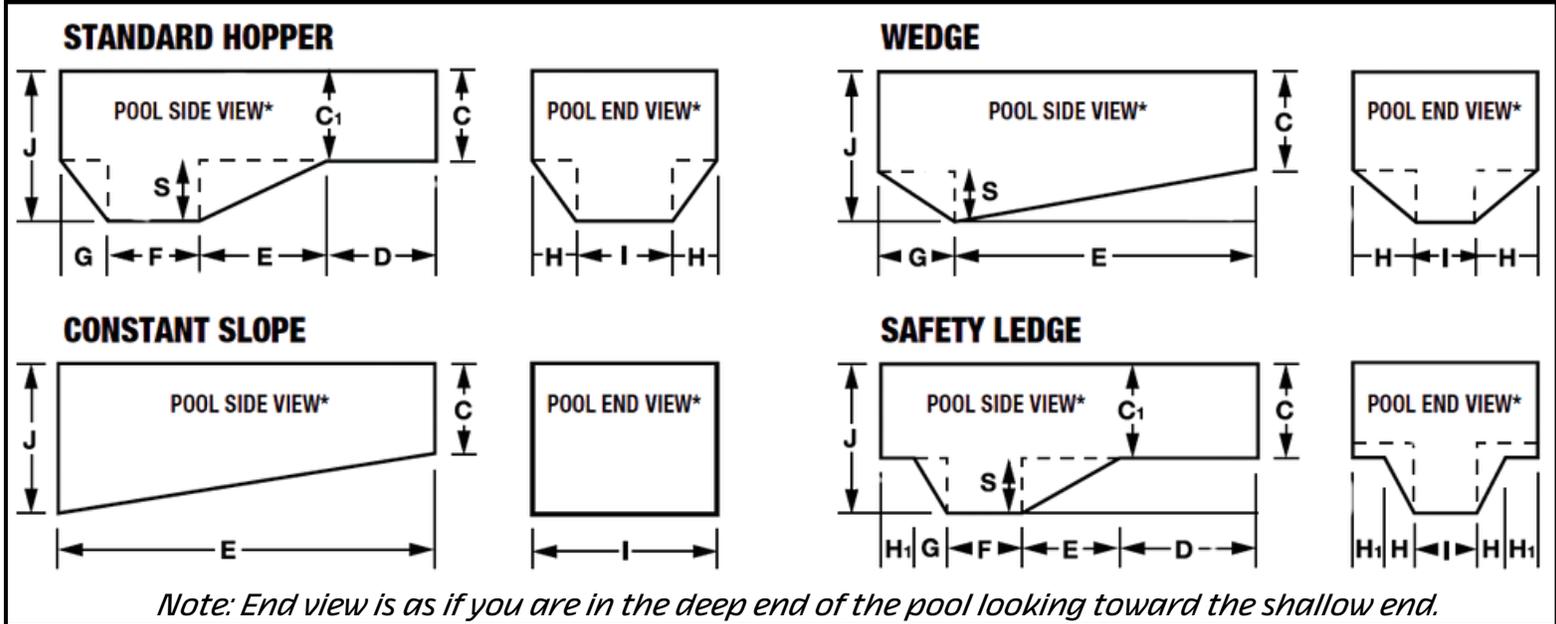
You will need?

1. A long straight pole (tele-pole)
2. String attached to one end of the pole
3. Some sort of weight tied to the other end of the string
4. A measuring tape

Follow the instructions below, using your tele-pole, to make these measurements.

Indicate the bottom contour & measurements of your pool on Page 1 of the measuring form

ILLUSTRATION D - BOTTOM CONTOUR



Horizontal Bottom Measurements: Use your tele-pole to "fish" for a point on the bottom of the pool. With the pole parallel to the ends of the pool and the string vertical (allow no slack in the string), measure the distance from the edge of the pool (water's edge) to the end of the pole where string is attached. You should "fish" for points that will achieve the desired measurements based on the bottom contour of your pool (pictured above). For example, to take measurement (H), you would stand on one side of the pool, and "fish" for a corner of the Hopper. You would then measure the distance from the edge of the pool (water's edge) to the end of the pole where the string is attached.

Depth Measurements: When taking the depth measurements (C) and (J), be sure to measure from the bottom of the pool floor to the bead receiver. Do not measure to the top of the pool if you have a bead receiver, your measurement will be incorrect.

QUICK CHECK

C + S must equal J

Note: S is a difficult measurement to take unless you are inside the pool. It is not necessary to measure S; it is used mainly as a cross-check to verify measurement J.

D + E + F + G must equal A for a Standard Hopper

(A is the length of pool taken in Step #4)

E + G must equal A for a Wedge

(A is the length of pool taken in Step #4)

D + E + F + G + H1 must equal A for a Safety Ledge

(A is the length of pool taken in Step #4)

H + I + H must equal B for Standard Hopper and Wedge

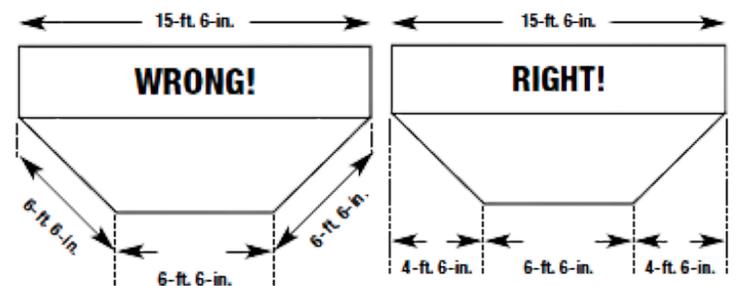
(B is the width of pool taken in Step #4)

H1 + H + I + H + H1 must equal B for Safety Ledge

(B is the width of pool taken in Step #4)

TIP! Be sure that (H) is a Horizontal Measurement, Do Not Measure the Slope of the Cove.

We only use measurements parallel to the deck. See the diagrams below for the correct way to measure a coved bottom.





IN GROUND LINER MEASURING FORM

Best in Games,
Pool & Patio
1830 E. Fabyan Pkwy
Batavia, IL 60510

QUESTIONS? *Call Freddie! Our liner expert*
customcovers@freetimefun.com • 1-888-620-6088



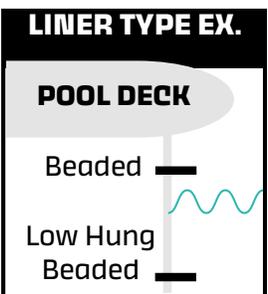
Name: _____ Email Address: _____

Address: _____ City: _____ State: _____

Zip Code: _____ Phone: () _____

1. LINER TYPE: (See Measuring Instructions Step 1)

- Beaded**
- Standard Beaded**
- Reverse Beaded**
- Low Hung Beaded**



2. VINYL COVERED STEP SECTIONS: (See Measuring Instructions Step 9)

If you have a step section that is covered by the vinyl liner, check this box. You must also complete the reverse side of this measuring form, "Page 2" and send it in with this page.

3. LINER PATTERN (See Enclosed Sales Sheet)

Pattern Name 20 MIL _____
Pattern Name 30 MIL _____

4. POOL SHAPE: (See Measuring Instructions Step 2)

Enter the **POOL SHAPE** you selected from **Diagram 2 or 3**:

On the below enter the **Manufacturer** or **Brand Name** of pool (if available):

5. Corner Type: (See Measuring Instructions Step 3)

- CUT CORNERS** (Diagonal, Point 1 to Point 2: _____ in.)
- RADIUS CORNERS** (Rounded, Point 1 to Point 2: _____ in.)
- 90 DEGREE CORNERS** (Square, no measurement needed)

SUBMIT FORM: Submitting this measuring form indicates you have verified your measurement and the information you have provided is correct. Your new liner will be made to these specifications once your order is placed.

6. DIMENSIONS: (See Measuring Instructions Steps 4-8)

Please transfer all the measurements you have taken into the appropriate spaces below.

A _____	ft.	_____	in.	Q _____	ft.	_____	in.
B _____	ft.	_____	in.	R _____	ft.	_____	in.
C _____	ft.	_____	in.	S _____	ft.	_____	in.
CL _____	ft.	_____	in.	T _____	ft.	_____	in.
D _____	ft.	_____	in.	U _____	ft.	_____	in.
E _____	ft.	_____	in.	V _____	ft.	_____	in.
F _____	ft.	_____	in.	W _____	ft.	_____	in.
G _____	ft.	_____	in.	X _____	ft.	_____	in.
H _____	ft.	_____	in.	A1 _____	ft.	_____	in.
H1 _____	ft.	_____	in.	A2 _____	ft.	_____	in.
I _____	ft.	_____	in.	A3 _____	ft.	_____	in.
J _____	ft.	_____	in.	A4 _____	ft.	_____	in.
K _____	ft.	_____	in.	B1 _____	ft.	_____	in.
L _____	ft.	_____	in.	B2 _____	ft.	_____	in.
M _____	ft.	_____	in.	Z1 _____	ft.	_____	in.
N _____	ft.	_____	in.	Z2 _____	ft.	_____	in.
O _____	ft.	_____	in.	Z3 _____	ft.	_____	in.
P _____	ft.	_____	in.	Z4 _____	ft.	_____	in.
	ft.	_____	in.		ft.	_____	in.

7. Bottom Contour: (See Measuring Instructions Step 7)

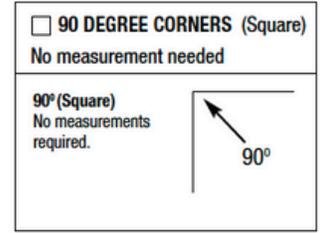
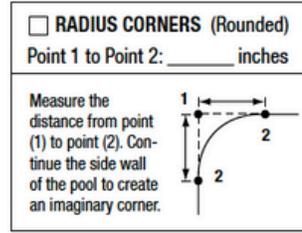
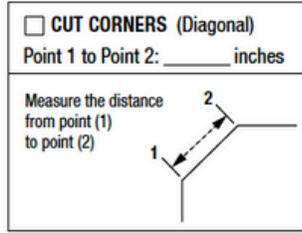
- Standard Hopper** $G + F + E + D = A$ YES
 $H + I + H = B$ YES
- Constant Slope** $E = A$ YES
 $I = B$ YES
- Wedge** $G + E = A$ YES
 $H = I = H = B$ YES
- Safety Ledge** $G + E = A$ YES
 $H = I = H = B$ YES

Sign: _____ Date: _____

Name: _____ Email Address: _____

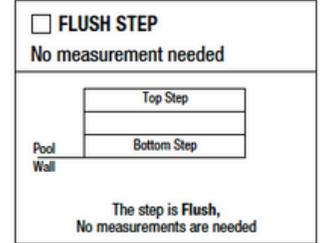
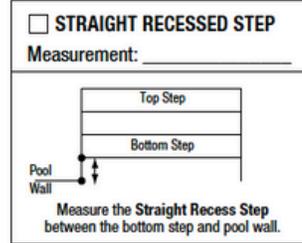
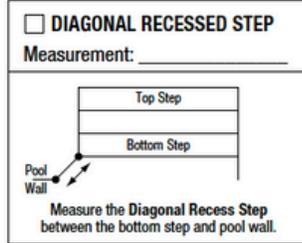
1. WHAT TYPE OF BACK CORNERS?

This refers to the corner at the back of the stair on the top riser as indicated in the **Step Section**. Images on the right will help determine the type of corners on your pool. Use the space provided to record your measurement.



2. IS THE STEP FLUSH OR RECESSED?

If the bottom riser is flush with the wall indicated in the **Step Section**, check the **Flush** option. If not, the type and size of corner must be provided. (see **Recessed Corner**)

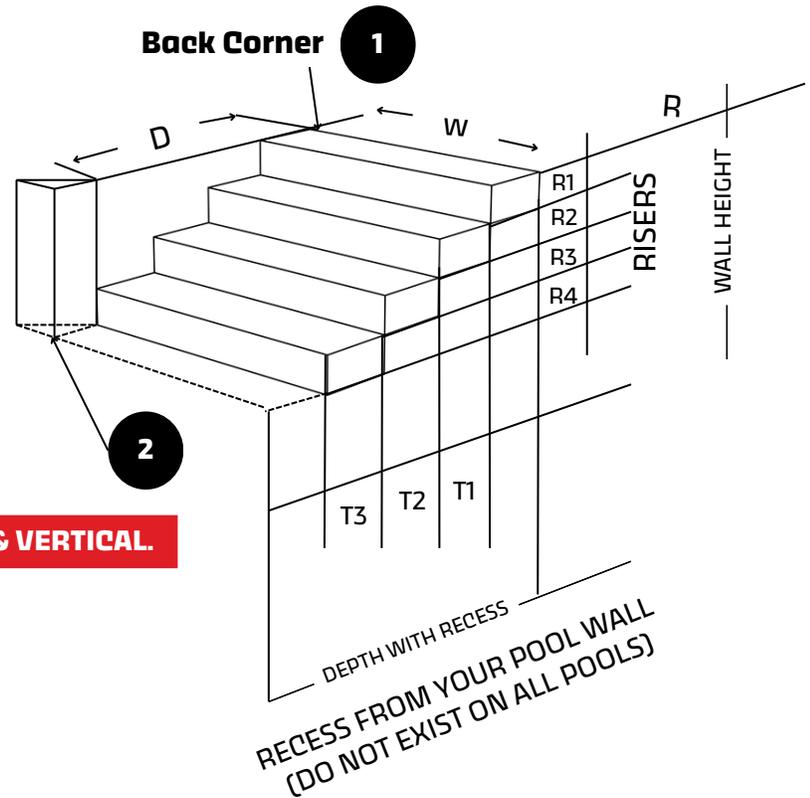


3. STEP SECTIONS

Record all the measurements in the boxes provided. Measure the Height of the risers and the Depth of the treads. To check your measurements, verify that the sum of all the **Riser Heights** equals the **Wall Height (WH)**. Also, verify that the sum of all the **Tread Depths** equals the **Total Step Section Depth (D)**.

Recess

Note: The recess can be square, cut or a combination of both. An additional drawing must accompany if different.



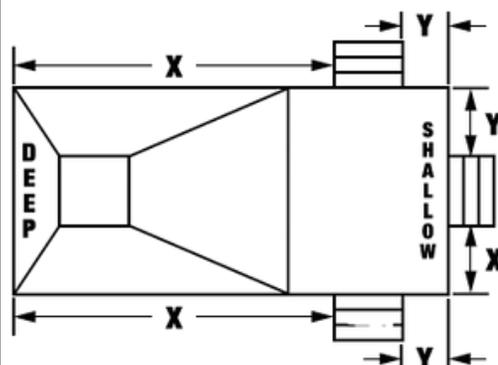
ALL STEP MEASUREMENTS MUST BE HORIZONTAL & VERTICAL. MEASURE TO THE NEAREST 1/8"

STEP SECT. MEASUREMENTS	
W	
D	
WH	
R1	
R2	
R3	
R4	
T1	
T2	
T3	
X	
Y	

W = Width
D = Depth
WH = Wall Height

4. WHAT IS THE STEP POSITION?

Please circle the position that best describes the location of your steps. **Please circle only one.** Provide measurements (X) and (Y) in the **Step Section Measurements** column.



Note: If step is at edge, then (x) or (y) will be zero

5. DO YOU REQUIRE LOOPS?

Do you require loops to secure stairs with rods? (select only one)

YES NO

